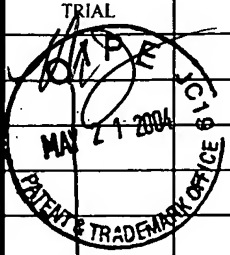
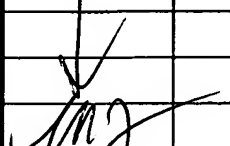


Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Atty. Docket Number 1001-012C1	Serial Number: 10/696,314
Applicant(s): Michael J. Czaplicki		
Filing Date: 10/29/2003		Group: 1733

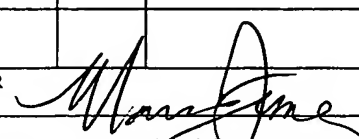
U.S. PATENT DOCUMENTS

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
 	3,123,170	Mar-64	Bryant			
	3,493,257	Feb-70	Fitzgerald, et al.			
	3,665,968	5/30/72	DePutter			
	4,019,301	4/26/77	Fox			
	4,082,825	4/4/78	Puterbaugh			
	4,238,540	12/9/80	Yates, et al.			
	4,397,490	Aug-83	Evans, et al.			
	4,732,806	3/22/88	Wycech			
	4,751,249	Jun-88	Wycech			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION YES NO	
_____	EP 0 891 918 A1	1/20/99	Europe	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	EP 0 893 331 A1	1/27/99	Europe	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	EP 0 893 332 A1	1/27/99	Europe	_____	_____	_____	_____
_____	JP 5-38992	Feb-93	Japan	_____	_____	_____	_____
_____	PCT/US97/07644	11/20/97	PCT	_____	_____	_____	_____
_____	PCT/US97/10693	6/25/97	PCT	_____	_____	_____	_____
_____	PCT/US97/19981	11/14/97	PCT	_____	_____	_____	_____
_____	PCT/US98/08980	11/12/98	PCT	_____	_____	_____	_____
_____	PCT/US98/16461	2/25/99	PCT	_____	_____	_____	_____

OTHER DOCUMENTS*(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER 	DATE CONSIDERED: 5-30-06
--	--------------------------

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Atty. Docket Number 1001-012C1		Serial Number: 10/696,314	
		Applicant(s): Michael J. Czaplicki			
		Filing Date: 10/29/2003		Group: 1733	

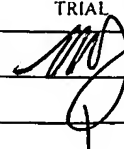
U.S. PATENT DOCUMENTS								
*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	4,762,352	8/9/88	Enomoto					
		4,803,108	2/7/89	Leuchten, et al.				
		4,836,516	6/6/89	Wycech				
		4,853,270	8/1/89	Wycech				
		4,861,097	8/29/89	Wycech				
		4,898,630	2/6/90	Kitoh, et al.				
		4,901,500	Feb-90	Wycech				
		4,908,930	Mar-90	Wycech				
		4,922,596	5/8/90	Wycech				
		4,923,902	5/8/90	Wycech				
		4,978,562	12/18/90	Wycech				
		4,995,545	2/26/91	Wycech				
		5,124,186	Jun-92	Wycech				
		5,213,391	5/25/93	Takagi				
		5,255,487	Oct-93	Wieting, et al.				
		5,266,133	11/30/93	Hanley, et al.				
		5,344,208	9/6/94	Bien, et al.				
		5,373,027	12/13/94	Hanley, et al.				
5,395,135		3/7/95	Lim, et al.					

FOREIGN PATENT DOCUMENTS							
Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION		
					YES	NO	
					<input type="checkbox"/>	<input type="checkbox"/>	

OTHER DOCUMENTS		<i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>

EXAMINER	DATE CONSIDERED: 5-30-06
----------	--------------------------

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Atty. Docket Number 1001-012C1		Serial Number: 10/696,314	
		Applicant(s): Michael J. Czaplicki			
		Filing Date: 10/29/2003		Group: 1733	

U.S. PATENT DOCUMENTS							
*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	5,506,025	4/9/96	Otto, et al.				
	5,575,526	11/19/96	Wycech				
	5,580,120	12/3/96	Nees, et al.				
	5,707,098	1/13/98	Uchida, et al.				
	5,725,272	3/10/98	Jones				
	5,731,069	3/24/98	Delle Donne, et al.				
	5,755,486	5/26/98	Wycech				
	5,766,719	6/16/98	Rimkus				
	5,785,376	7/28/98	Nees, et al.				
	5,786,394	7/28/98	Slaven				
	5,855,094	1/5/99	Baudisch, et al.				
	5,884,960	3/23/99	Wycech				
	5,885,688	3/23/99	McLaughlin				
	5,888,600	3/30/99	Wycech				
	5,934,737	8/10/99	Abouzahr				
	5,984,389	11/16/99	Nuber				
	5,992,923	11/30/99	Wycech				
	6,003,274	12/21/99	Wycech				
	6,022,066	2/8/00	Tremblay, et al.				
	6,058,673	5/9/00	Wycech				
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION YES NO	
						<input type="checkbox"/>	<input type="checkbox"/>
OTHER DOCUMENTS <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>							
EXAMINER			DATE CONSIDERED: 5-30-06				

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket Number: <div style="text-align: center;">1001-012C1</div>		Serial Number: <div style="text-align: center;">10/696,314</div>		
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Applicant(s): Michael J. Czaplicki				
		Filing Date: <div style="text-align: center;">10/29/2003</div>		Group: <div style="text-align: center;">1733</div>		
U.S. PATENT DOCUMENTS						
*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,054,636	09/18/1962	Wessells III			
	3,746,387	07/17/1973	Schwenk			
	3,757,559	09/11/1973	Welsh			
	3,890,108	06/17/1975	Welsh			
	4,090,734	05/23/1978	Inami et al.			
	4,378,395	03/29/1983	Asoshina et al.			
	4,440,434	04/03/1984	Celli			
	4,457,555	07/03/1984	Draper			
	4,559,274	12/17/1985	Kloppe et al.			
	4,610,836	09/09/1986	Wycech			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	628,863	03/28/1947	U.K.			<input type="checkbox"/> <input type="checkbox"/>
	DE2919046	05/11/1979	Germany			<input type="checkbox"/> <input type="checkbox"/>
	8028960	09/08/1980	U.K.			<input type="checkbox"/> <input type="checkbox"/>
	82102135.9	03/16/1982	Europe			<input type="checkbox"/> <input type="checkbox"/>
	8725028	10/26/1987	U.K.			<input type="checkbox"/> <input type="checkbox"/>
	64-69309	03/15/1989	Japan			<input type="checkbox"/> <input type="checkbox"/>
	64-69308	03/15/1989	Japan			<input type="checkbox"/> <input type="checkbox"/>
	90202150.0	08/08/1990	Europe			<input type="checkbox"/> <input type="checkbox"/>
	2-206537	08/16/1990	Japan			<input type="checkbox"/> <input type="checkbox"/>
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>						
	Co-pending Application Serial No. 09/631,211; filed August 3, 2000					
EXAMINER 			DATE CONSIDERED: 5-30-06			

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				Atty. Docket Number: <div style="text-align: center;">1001-012C1</div>		Serial Number: <div style="text-align: center;">10/696,314</div>	
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Applicant(s): Michael J. Czaplicki			
				Filing Date: <div style="text-align: center;">10/29/2003</div>		Group: <div style="text-align: center;">1733</div>	
U.S. PATENT DOCUMENTS							
*EXAMINER TRIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,613,177	09/23/1986	Loren et al.			
		4,705,716	11/10/1987	Tang			
		4,917,435	04/17/1990	Bonnett et al.			
		4,989,913	02/05/1991	Moore, III			
		5,102,188	04/07/1992	Yamane			
		5,122,398	06/16/1992	Seiler et al.			
		5,560,672	10/01/1996	Lim et al.			
		5,642,914	07/01/1997	Takabatake			
	5,648,401	07/15/1997	Czaplicki et al.				
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		G9011147.8	09/24/1990	Germany			<input type="checkbox"/> <input type="checkbox"/>
		91104546.6	03/22/1991	Europe			<input type="checkbox"/> <input type="checkbox"/>
		PCT/AU92/00468	09/03/1992	PCT			<input type="checkbox"/> <input type="checkbox"/>
		94101343.5	01/29/1994	Europe			<input type="checkbox"/> <input type="checkbox"/>
		G9320333.0	06/21/1994	Germany			<input type="checkbox"/> <input type="checkbox"/>
		PCT/EP95/00896	03/10/1995	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/US96/11155	07/01/1996	PCT			<input type="checkbox"/> <input type="checkbox"/>
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
EXAMINER				DATE CONSIDERED: 5-30-06			

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket Number: <div style="text-align: center;">1001-012C1</div>	Serial Number: <div style="text-align: center;">10/696,314</div>
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Applicant(s): Michael J. Czaplicki	
Filing Date: <div style="text-align: center;">10/29/2003</div>		Group: <div style="text-align: center;">1733</div>	

U.S. PATENT DOCUMENTS							
*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
15	5,649,400	07/22/1997	Miwa				
	5,652,039	07/29/1997	Tremain et al.				
	5,803,533	09/08/1998	Schulz et al.				
	5,804,608	09/08/1998	Nakazato et al.				
	5,806,915	09/15/1998	Takabatake				
	5,806,919	09/15/1998	Davies				
	5,866,052	02/02/1999	Muramatsu				
	5,888,642	03/30/1999	Meteer et al.				
	5,901,528	05/11/1999	Richardson				
	5,904,024	05/18/1999	Miwa				

FOREIGN PATENT DOCUMENTS								
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						YES	NO	
✓	PCT/US98/17994	09/03/1998	PCT			<input type="checkbox"/>	<input type="checkbox"/>	
✓	PCT/US99/00035	01/06/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>	
✓	PCT/US99/00770	01/14/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>	
✓	PCT/US99/01855	02/03/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>	
✓	PCT/US99/01865	02/09/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>	
✓	PCT/US99/04263	03/03/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>	
✓	PCT/US99/04279	03/29/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>	
✓	PCT/US99/10441	05/18/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>	
✓	PCT/US99/11195	05/20/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>	
✓	PCT/US99/11194	05/20/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>	

OTHER DOCUMENTS <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>		

EXAMINER M. J. Czaplicki	DATE CONSIDERED: 5-30-06
---	---

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket Number: <div style="text-align: center;">1001-012CI</div>		Serial Number: <div style="text-align: center;">10/696,314</div>	
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Applicant(s): Michael J. Czaplicki			
		Filing Date: <div style="text-align: center;">10/29/2003</div>		Group: <div style="text-align: center;">1733</div>	

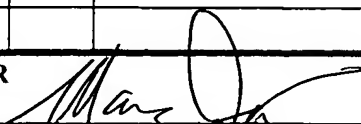
U.S. PATENT DOCUMENTS							
*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	5,932,680	08/03/1999	Heider				
	5,941,597	08/24/1999	Horiuchi et al.				
	5,985,435	11/16/1999	Czaplicki et al.				
	5,988,734	11/23/1999	Longo et al.				
	5,994,422	11/30/1999	Born et al.				
	6,004,425	12/21/1999	Born et al.				
	6,033,300	03/07/2000	Schneider				
	6,050,630	04/18/2000	Hochet				
	6,059,342	05/09/2000	Kawai et al.				
	6,068,424	05/30/2000	Wycech				
6,077,884	06/20/2000	Hess et al.					

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
_____	PCT/US99/11110	05/20/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>
_____	PCT/US99/11109	05/20/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>
_____	PCT/CA99/00424	05/21/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>
_____	PCT/EP99/03832	06/02/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>
_____	PCT/EP99/06112	08/20/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>
_____	PCT/US99/18820	08/26/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>
_____	PCT/US99/18832	09/02/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>
_____	PCT/EP99/07143	09/25/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>
_____	PCT/US99/24795	10/22/1999	PCT			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		

EXAMINER	DATE CONSIDERED: 5-30-06
----------	---------------------------------

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				Atty. Docket Number: <div style="text-align: center;">1001-012C1</div>		Serial Number: <div style="text-align: center;">10/696,314</div>	
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Applicant(s): Michael J. Czaplicki			
				Filing Date: <div style="text-align: center;">10/29/2003</div>		Group: <div style="text-align: center;">1733</div>	
U.S. PATENT DOCUMENTS							
*EXAMINER TRIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,079,180	06/27/2000	Wycech			
		6,082,811	07/04/2000	Yoshida			
		6,090,232	07/18/2000	Seeliger et al.			
		6,092,864	07/25/2000	Wycech et al.			
		6,094,798	08/01/2000	Seeliger et al.			
		6,096,403	08/01/2000	Wycech et al.			
		6,096,791	08/01/2000	Born et al.			
		6,099,948	08/08/2000	Paver, Jr.			
		6,102,379	08/15/2000	Ponslet et al.			
		6,102,473	08/15/2000	Steininger et al.			
		6,103,341	08/15/2000	Barz et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		PCT/EP99/09541	12/02/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/EP99/09732	12/10/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/EP99/09909	12/14/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/US99/29987	12/17/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/US99/29991	12/17/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/US99/29986	12/17/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/US99/29990	12/17/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/US99/29992	12/17/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/DE99/04103	12/17/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
EXAMINER 				DATE CONSIDERED: 5-30-05			

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				Atty. Docket Number: 1001-012C1		Serial Number: 10/696,314	
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Applicant(s): Michael J. Czaplicki			
				Filing Date: 10/29/2003		Group: 1733	
U.S. PATENT DOCUMENTS							
*EXAMINER TRIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,103,784	08/15/2000	Hilborn et al.			
		6,110,982	08/29/2000	Russick et al.			
		6,129,410	10/10/2000	Kosaraju et al.			
		6,131,897	10/17/2000	Barz et al.			
		6,135,542	10/24/2000	Emmelmann et al.			
		6,149,227	11/21/2000	Wycech			
		6,150,428	11/21/2000	Hanley, IV et al.			
		6,152,260	11/28/2000	Eipper et al.			
		6,153,709	11/28/2000	Xiao et al.			
		6,165,588	12/26/2000	Wycech			
		6,168,226	01/02/2001	Wycech			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		PCT/EP99/10151	12/21/1999	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/US00/00010	01/03/2000	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/EP00/00021	01/04/2000	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/US00/01644	01/26/2000	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/US00/00497	01/27/2000	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/US00/02631	02/02/2000	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/EP00/01474	02/23/2000	PCT			<input type="checkbox"/> <input type="checkbox"/>
		PCT/AT00/00123	05/05/2000	PCT			<input type="checkbox"/> <input type="checkbox"/>
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
EXAMINER 				DATE CONSIDERED: 5-30-06			

Please type a plus sign (+) inside this box → +

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/696,314
		Filing Date	10/29/2003
		First Named Inventor	Michael J. Czaplicki
		Group Art Unit	1733
		Examiner Name	Unknown
Sheet	1	of	3
		Attorney Docket Number	1001-012C1

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		1,814,677		A. Fennema	05/03/1930	
		4,029,128		Yamagishi	06/14/1977	
		4,083,384		Horne et al.	04/11/1978	
		4,463,870		Coburn, Jr. et al.	08/07/1984	
		4,695,343		Wycech	09/22/1987	
		4,769,391		Wycech	09/06/1988	
		4,813,690		Coburn, Jr.	03/21/1989	
		4,901,395		Semrau	02/20/1990	
		4,946,737		Lindeman et al.	08/07/1990	
		4,984,406		Friesen	01/15/1991	
		5,040,803		Cieslik et al.	08/20/1991	
		5,072,952		Irrgeher et al.	12/17/1991	
		5,358,397		Ligon et al.	10/25/1994	
		5,382,397		Turner, Jr.	01/17/1995	
		5,577,784		Nelson	11/26/1996	
		5,819,408		Catlin	10/13/1998	
		5,851,626		McCorry et al.	12/22/1998	
		5,871,849		Lepine	02/16/1999	
		5,878,784		Sales et al.	03/09/1999	
		5,894,071		Merz et al.	04/13/1999	

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴ Kind Code ⁵ (if known)				
			2 539 693	Regie Nat. Des Usi	01/25/1983		
			GB 2 156 412 A	BKL Extrusions	10/09/1985		
			DE 3627725 A1	Daimler-Benz AG	02/25/1988		
			WO 01/57130	Denovus LLC	08/09/2001		
			WO 01/54936	Sika Corporation	08/02/2001		
			WO 01/56845	Sika Corporation	08/09/2001		
			WO 01/71225	Sika Corporation	09/27/2001		
			DE 198 12 288 C1	Moeller Plast	05/27/1999		X
			WO 00/37302	Opel	06/29/2000		X
			DE 196 48 164 A1	Wilhelm Karmann	05/28/1998		

Examiner Signature	Date Considered 5-30-06
-----------------------	----------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (10-98)

Approved for use through 10/31/99, OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
Sheet 2 of 3		Application Number 10/696,314	Filing Date 10/29/2003
		First Named Inventor Michael J. Czaplicki	Group Art Unit 1733
		Examiner Name Unknown	Attorney Docket Number 1001-012C1

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
15		5,901,752		Lundman	05/11/1999	
		6,006,484		Geissbuhler	12/28/1999	
		6,053,210		Chapman et al.	04/25/2000	
		6,073,991		Naert	06/2000	
		6,146,565		Keller	11/14/2000	
		6,174,932		Pachl et al.	01/16/2001	
		6,189,953		Wycech	02/20/2001	
		6,196,621		VanAssche et al.	03/06/2001	
		6,197,403		Brown et al.	03/06/2001	
		6,199,940		Hopton et al.	03/13/2001	
		6,232,433		Narayan	05/15/2001	
		6,233,826		Wycech	05/22/2001	
		6,237,304		Wycech	05/29/2001	
		6,247,287		Takabatake	06/2001	
		6,253,524		Hopton et al.	07/03/2001	
		6,263,635		Czaplicki	07/24/2001	
		6,270,600		Wycech	08/07/2001	
		6,272,809		Wycech	08/14/2001	
	6,276,105		Wycech	08/21/2001		
	6,277,898		Pachl et al.	08/21/2001		

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Ts
		Office ³	Number ⁴				
		WO	99/28575	Sika AG	06/10/1999		
		WO	00/03894	Cascade Engineerin	01/27/2000		
		WO	01/83206	Sika Corporation	11/08/2001		
		JP	61 118 211	Toyota	06/05/1986		
		JP	01 164 867	Toyota	06/28/1989		
		DE	40 28 895 C1	Mercedes-Benz	02/20/1992		
		WO	95/32110	Wycech, Joseph S.	05/08/1995		
		EP	0 775 721 A1	Mitsubishi	05/28/1997		
		FR	2 749 263 A1	Renault	12/05/1997		X
		DE	198 56 255 C1	Moeller Plast	01/20/2000		X

Examiner Signature [Signature]	Date Considered 5-30-06
---	--

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (10-98)

Approved for use through 10/31/99, OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
	Application Number	10/696,314	
	Filing Date	10/29/2003	
	First Named Inventor	Michael J. Czaplicki	
	Group Art Unit	1733	
	Examiner Name	Unknown	
	Attorney Docket Number	1001-012C1	
Sheet	3	of	3

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		6,281,260		Hanley, IV et al.	08/28/2001	
		6,287,666		Wycech	09/11/2001	
		6,296,298		Barz	10/02/2001	
		6,305,136		Hopton et al.	10/23/2001	
		6,311,452		Barz et al.	11/06/2001	
		6,315,938		Jandali	11/13/2001	
		6,319,964		Blank et al.	11/20/2001	
		6,321,793		Czaplicki et al.	11/27/2001	
		3,868,796		Bush	03/04/1975	
		4,378,395		Asoshina et al.	03/29/1983	
		6,303,672		Papalos et al.	10/16/2001	
		6,332,731		Wycech	12/25/2001	
		6,341,467		Wycech	01/29/2002	
		6,348,513		Hilborn et al.	02/19/2002	
		5,902,656		Hwang	05/1999	
		5,194,199		Thum	03/16/1993	
		5,660,116		Dannawi et al.	08/26/1997	
		6,486,256		Tabutton et al.	11/26/2002	
		6,183,013		Mackenzie et al.	02/06/2001	
		6,216,509		Lotspaih et al.	04/17/2001	

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴				
		WO	00/12595	Henkel Corporation	04/09/2000		
		WO	00/27920	Sika	05/18/2000		
		DE	198 58 903 A1	Opel	06/21/2000		
		WO	99/48746	Moller Plast GmbH	09/30/1999		
		JP	2001191947	Honda Motor Co. Ltd.	07/17/2001		
		EP	0 236 291	Austria Metall Aktiengesellschaft	09/09/1987		
		DE	196 44 047 A1	Bayerische Motoren Werke AG	05/07/1998		
		WO	98/36944	Raychem Corporation	08/27/1998		
		WO	00/43254	Henkel Corporation	07/27/2000		
		WO	00/55444	L&L Products, Inc.	09/21/2000		

Examiner Signature	Date Considered 5-30-06
-----------------------	----------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (10-96)
Approved for use through 10/31/99, OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
Sheet 1 of 1		Application Number	10/696,314
		Filing Date	10/29/2003
		First Named Inventor	Michael J. Czaplicki
		Group Art Unit	1733
		Examiner Name	Unknown
		Attorney Docket Number	1001-012C1

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		D457,120 S		Broccardo et al.	05/14/2002	
		5,931,474		Chang et al.	08/03/1999	
		6,368,438		Chang et al.	04/09/2002	
		6,372,334		Wycech	04/16/2002	
		6,382,635		Fitzgerald	05/07/2002	
		6,389,775		Steiner et al.	05/21/2002	
		6,406,078		Wycech	06/18/2002	
		6,413,611		Roberts et al.	07/02/2002	
		3,649,375		P.S. Venkatesan	03/14/1972	
		5,884,960		Wycech	03/23/1999	
		5,474,721		Stevens	12/1995	
		5,885,494		Venkataraman et al.	03/1999	
		6,467,834		Barz et al.	10/2002	
		6,471,285		Czaplicki et al.	10/2002	
		6,482,486		Czaplicki et al.	11/2002	
		5,475,911		Wells et al.	12/1995	
		6,254,488		Hill	07/2001	
		2002/0053179		Wycech	05/09/2002	
		2002/0054988		Wycech	05/09/2002	
		2002/0074827		Fitzgerald et al.	06/20/2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
		EP	0 893 332 B1		Henkel Corporation	01/27/1999		
		EP	1 122 156 A2		Sika Corporation	08/08/2001		
		JP	02001191949A		Neoex Lab Inc.	07/17/2001		
		wo	99/20516		Cosma International Inc.	04/29/1999		
		wo	87/01978		Gesenschniede Schneider	04/09/1987		
		wo	89/06595		Sekisui Kagaku Kogyo	07/27/1989		
		DE	19635734	A1	Ebbinghaus, Alfred	04/03/1997		
		DE	29904705	U1	Mannesmann AG	06/17/1999		
		EP	0679501	A1	Ymos Aktiengesellschaft	11/02/1995		
		DE	19753658	A1	Fraunhofer-Gesellschaft zur	06/17/1999		

Examiner Signature	Date Considered 5-30-06
--------------------	--

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ See attached Kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (10-96)



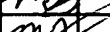


Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
Sheet 1 of 1		Application Number	10/696,314
		Filing Date	10/29/2003
		First Named Inventor	Michael J. Czaplicki
		Group Art Unit	1733
		Examiner Name	Unknown
		Attorney Docket Number	1001-012C1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
[Handwritten marks]		6,358,584		Czaplicki	03/19/2002	
		6,383,610		Barz et al.	05/07/2002	
		6,422,575		Czaplicki et al.	07/23/2002	
		6,419,305		Larsen	07/16/2002	
		6,474,722		Barz	11/2002	
		6,482,486		Czaplicki et al.	11/19/2002	
		6,467,834		Barz et al.	10/22/2002	
		6,471,285		Czaplicki et al.	10/29/2002	
		6,474,723		Czaplicki et al.	11/05/2002	
		6,619,727		Barz et al.	09/16/2003	
		6,641,208		Czaplicki et al.	11/04/2003	
		6,668,457		Czaplicki	12/30/2003	
		6,692,347		Schneider	02/17/2004	
		6,634,698		Kleino	10/21/2003	
		6,502,821		Schneider	01/07/2003	
		6,620,501		Kassa et al.	09/16/2003	
		6,682,818		Czaplicki et al.	01/27/2004	
		6,729,425		Schneider et al.	05/04/2004	
	2004/0074150		Wycech	04/22/2004		
	2002/0074827		Fitzgerald et al.	06/20/2002		

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		EP	1 362 683	A2	L&L Products, Inc.	11/19/2003		
		EP	1 362 769	A1	L&L Products, Inc.	11/19/2003		
		WO	03/042024	A1	L&L Products, Inc.	05/22/2003		
		DE	42 27 393	A1	Volkswagen AG	03/04/1993		
		EP	1 366 960	A1	Hexcel Corporation	12/03/2003		

Examiner Signature [Handwritten Signature]	Date Considered 5-30-06
---	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



+

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/696,314
--------------------	------------

Filing Date	10/29/2003
--------------------	------------

First Named Inventor	Michael J. Czaplicki
----------------------	----------------------

Group Art Unit	1733
----------------	------

Examiner Name	Unknown
---------------	---------

Attorney Docket Number | 1001-012C1

U.S. PATENT DOCUMENTS[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date
Considered

5-30-06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

+

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08B (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/696,314
		Filing Date	10/29/2003
		First Named Inventor	Michael J. Czaplicki
		Group Art Unit	1733
		Examiner Name	Unknown
Sheet 1	of 0	Attorney Docket Number	1001-012C1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		International Search Report dated October 19, 2001	
		Written Opinion dated December 31, 2001.	
		International Preliminary Examination Report dated April 19, 2002	

Examiner Signature		Date Considered	5-30-06
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.